

East Daviess Water Association

9210 State Route 144, Knottsville, KY 42366

Ph. (270) 281-5187/Fax (270) 281-5709

Jeff Derouen
Executive Director
KY Public Service Commission
PO Box 615
Frankfort, KY 40602

RECEIVED

APR 27 2012

PUBLIC SERVICE
COMMISSION

RE: Application for a Purchased Water Adjustment

This is an application for a purchased water rate adjustment for the East Daviess Water Association. The adjustment is for a decrease in the cost of water attributable to our supplier's new wholesale rates.

The Association will notice our customers of the requested rate revisions in accordance with PSC rules and regulations.

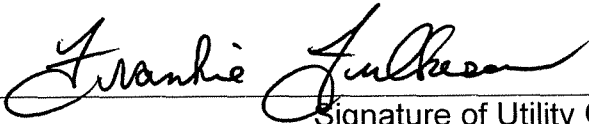

Sincerely,



Frankie Fulkerson, Manager
East Daviess County Water Association
enclosure

**PURCHASED WATER ADJUSTMENT FOR
WATER DISTRICTS AND ASSOCIATIONS
(807 KAR 5:068)**

Name of Utility	East Daviess County Water Association		
Date			
Address	9210 Highway Route 144		
City, State, Zip	Knottsville, KY 42366		
Telephone Number	(270) 281-5187		
1.a. Name of all wholesale suppliers and the base (current) rate and changed rate of each. In the event the water purchased is billed by the supplier on a rate that is not a flat rate schedule, the entire rate schedule must be shown. Attach additional sheets if necessary.			
	Supplier(s)	Base Rate	Changed Rate
	Owensboro Municipal Utilities	\$1.360	\$1.200
1.b. A copy of the supplier's notice of the changed rate showing the effective date of the increase is attached as Exhibit			
2. Twelve-month period upon which the purchased water adjustment is based. (This twelve-month period must end within 90 days of this filing).			
From	APRIL 2011	through	MARCH 2012
	(month and year)		(month and year)
3. Statement of water purchases. Where water is purchased from more than one supplier, purchases from each supplier must be shown separately. If water is purchased through a declining block rate schedule, purchases for each month must be shown. Attach an additional sheet if necessary.			

Supplier(s)	Gallons Purchased during 12 month period
Owensboro Municipal Utilities	293,899,000
TOTAL PURCHASES	
4. Total gallons sold for the 12 month period	246,075,202
5. Increased water cost	(\$47,023.84)
The increased water cost is the cost difference between purchases at base (current rate) and purchases at new rate.	
6. Purchased water adjustment factor	(\$0.12)
The purchased water adjustment factor is obtained by dividing the increased cost of water by the total gallons sold.	
<p>Note: The purchased water adjustment factor is added to each thousand gallons sold. If the minimum usage is 2,000 gallons then the purchased water adjustment factor would be added to the minimum bill twice. Revised tariff sheets must be attached showing the rate to be charged by the utility and the effective date of the increased rates.</p>	
7. Proposed effective date	June 1, 2012
	
Signature of Utility Officer	
	
Title	

East Daviess County Water

	NEW RATE		OLD RATE
SUPPLIER	(per 1,000)		(per 1,000)
Owensboro	\$1.2000		\$1.3600

TWELVE MONTH TEST PERIOD: April 2011 thru March 2012

			GALLONS PURCHASED
SUPPLIER			DURING TEST PERIOD
Owensboro			293,899,000
TOTAL			293,899,000

	COST AT		COST AT
SUPPLIER	NEW RATE		OLD RATE
Owensboro	352,678.80		399,702.64
TOTAL	\$352,678.80	-	\$399,702.64

INCREASED
WATER COST
(\$47,023.84)

=

TOTAL GALLONS SOLD FOR THE TEST PERIOD :

377,010,730

Increased Water Cost / (total gallons sold / 1,000) = Purchased Water Adjustment Factor

(\$47,023.84)	/	377,010,730	/1000	=	-0.12472812
				ROUNDED	-0.12

FOR East Daviess County, Kentucky
Community, Town or City

P.S.C. KY. No. 1

4th Revised SHEET NO. 1

CANCELLING P.S.C. KY. NO. 1

3rd Revised SHEET NO. 1

East Daviess County Water Association
(Name of Utility)

RATES

Monthly Rates

5/8" x 3/4" Meter

First	2,000	gallons	\$14.11	Minimum bill
Next	4,000	gallons	4.73	per 1,000 gallons
Next	44,000	gallons	3.78	per 1,000 gallons
Over	50,000	gallons	3.08	per 1,000 gallons

3/4" Meter

First	3,000	gallons	\$18.84	Minimum bill
Next	3,000	gallons	4.73	per 1,000 gallons
Next	44,000	gallons	3.78	per 1,000 gallons
Over	50,000	gallons	3.08	per 1,000 gallons

1" Meter

First	6,000	gallons	\$33.03	Minimum bill
Next	44,000	gallons	3.78	per 1,000 gallons
Over	50,000	gallons	3.08	per 1,000 gallons

1 1/2" Meter

First	10,000	gallons	\$48.15	Minimum bill
Next	40,000	gallons	3.78	per 1,000 gallons
Over	50,000	gallons	3.08	per 1,000 gallons

2" Meter

First	20,000	gallons	\$85.95	Minimum bill
Next	30,000	gallons	3.78	per 1,000 gallons
Over	50,000	gallons	3.08	per 1,000 gallons

DATE OF ISSUE _____
Month / Date / Year

DATE EFFECTIVE June 1, 2012
Month / Date / Year

ISSUED BY Frankie Fulcher
(Signature of Officer)

TITLE Manager

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION

IN CASE NO. _____ DATED _____



March 16, 2012

Mr. Frank Fulkerson, Manager
East Daviess County Water Association
9210 KY 144
Philpot, KY 42366-9743

Re: Wholesale Water Rate Increase

Dear Frank:

We have made the required rate calculations for fiscal year 2012-2013, as per the terms of our contract. A copy of these calculations is enclosed, as well as a copy of the fiscal year 2010-2011 true-up calculations.

Based on these calculations, the rate charged to the East Daviess County Water Association for the fiscal year beginning June 1, 2012 will become \$1.200 per thousand gallons, a decrease of 11.8% versus the prior fiscal year.

The ultimate per unit cost to EDCWA is dependent upon annual water usage and the costs contractually allocated to your association. Future year calculations may result in fluctuations in the rate per thousand gallons. The formal calculation will continue to be prepared annually.

Please contact me with any questions, or if you need further information.

Sincerely,

Stanley K. Conn
General Manager

Cc: Kentucky Public Service Commission
D. Hill, J. Grise, K. Roberts

Enclosures

NOTICE

Owensboro Municipal Utilities (“OMU”) has filed a proposed rate schedule which will adjust the rate for water service provided as follows:

	<u>Current Rate</u>	<u>Proposed Rate</u>	<u>% Difference</u>
Southeast Daviess County Water District	\$1.500 per 1000 gallons	\$1.500 per 1000 gallons	No Change
West Daviess County Water District	\$1.650 per 1000 gallons	\$1.600 per 1000 gallons	3.0% Decrease
East Daviess County Water Association	\$1.360 per 1000 gallons	\$1.200 per 1000 gallons	11.8% Decrease

The proposed effective date is June 1, 2012.

The rates contained in this notice are the rates proposed by OMU. However, the Public Service Commission may order rates to be charged that differ from the proposed rates contained in this notice.

Any corporation, association, or person with a substantial interest in the matter may, by written request, within thirty (30) days after publication or mailing of this notice of the proposed rate changes request to intervene. Intervention may be granted beyond the thirty (30) day period for good cause shown.

Any person who has been granted intervention by the Public Service Commission may obtain copies of the rate application and any other filings made by OMU by contacting the General Manager, Stanley K. Conn, at the offices of OMU, 2070 Tamarack Road in Owensboro, Kentucky; telephone 270-926-3200.

Any person may examine the rate application and other filings made by OMU by visiting the offices of OMU at 2070 Tamarack Road in Owensboro, or by contacting the Public Service Commission at 211 Sower Boulevard in Frankfort, Kentucky; telephone 502-564-3940.

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2012
 Estimate for FY 2013 Rate

Line			FY 1991 Amount	FY 1991 Reference	Inflation Factor	Growth Factor	Calculated Growth Factor	FY 2012 Amount	
1.000									
1.001									
1.002									
1.003									
1.004							21 Years		
1.005	<u>Water System Demands and Usage</u>								
1.006									
1.007	System Annual Quantity	Mil. Gal.	4,846	+\$10.050	0%	-0.45%	0.909	4,407	
1.008									
1.009	District Annual Quantity								
1.010	Southeast Daviess	Mil. Gal.	532	+\$10.039	0%	0.49%	1.109	590	
1.011	West Daviess	Mil. Gal.	345	+\$10.039	0%	1.27%	1.304	450	
1.012	East Daviess	Mil. Gal.	154	+\$10.039	0%	3.26%	1.961	302	
1.013									
1.014	Maximum Day Quantity								
1.015	Southeast Daviess	mgd	1,990	+\$10.040	0%	0.79%	1.179	2,347	
1.016	West Daviess	mgd	1,378	+\$10.040	0%	2.06%	1.533	2,113	
1.017	East Daviess	mgd	0,612	+\$10.040	0%	3.25%	1.959	1,199	
1.018									
1.019	System Maximum Day Quantity	mgd	16.91	+\$10.045	0%	-0.22%	0.954	16.14	
1.020									
1.021	<u>Operation and Maintenance Expense</u>								
1.022									
1.023	Transmission and Dist. Expense	\$	269,521	(a)	5.58%	0%	3.127	842,700	
1.024	Source of Supply Expense	\$	121,068	(a)	8.05%	0%	5.087	615,900	
1.025	Existing Treatment Plant Expense								
1.026	Chemicals	\$	198,132	(a)	1.57%	-0.45%	1.264	250,500	
1.027	Other	\$	405,493	(a)	2.39%	0%	1.643	666,100	
1.028	New Treatment Plant Expense								
1.029	Chemicals	\$	0		n/a	n/a	n/a	168,800	
1.030	Other	\$	0		n/a	n/a	n/a	348,700	
1.031	Pumping Expense								
1.032	Electric Power	\$	240,191	(a)	2.68%	-0.45%	1.588	381,500	
1.033	Other-Existing Plant	\$	8,840	(a)	10.97%	0%	8.891	78,600	
1.034	Other-New Plant	\$	0		n/a	n/a	n/a	31,800	
1.035									
1.036	Administrative Expenses	\$	689,980	(a)	5.49%	0%	3.075	2,121,700	
1.037	Customer Accounting & Information	\$	176,825	(a)	5.18%	0%	2.886	510,300	
1.038									
1.039	(a) FY 1991 financial statements.		<u>2,110,050</u>					<u>6,016,600</u>	
1.040									
1.041									
1.042	<u>Debt Service Payments</u>								
1.043									
1.044	Existing Plant	\$	487,100					0	
1.045	1999 Improvements	\$	0					53,371	
1.046	2003 Improvements	\$	0					326,101	
1.047	2009 Improvements	\$	0					304,373	
1.048	Cavin Plant	\$	0					<u>1,081,101</u>	
1.049			<u>487,100</u>					<u>1,764,946</u>	
1.050									
1.051									

Schedule 2
 Determine District Percentage
 Responsibility for Costs

Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010

3-16-2012

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2012
 Estimate for FY 2013 Rate

Line		Units	Wholesale Customers			Subtotal	OMU Retail Customers	Total OMU System	
			Southeast Davies	West Davies	East Davies				
2.000									
2.001									
2.002									
2.003									
2.004									
2.005									
2.006	FY 2012 System Annual Quantity	Mil. gal.					3,065	4,407	+S1.007
2.007	FY 2012 District Annual Quantity	Mil. gal.	590	450	302	1,342	+S1.010,	+S1.011,	+S1.012
2.008									
2.009	District Responsibility for Variable Expenses		13.39%	10.21%	6.85%	30.45%	@ROUND(+S2.007/S2.006,4)		
2.010									
2.011									
2.012	<u>District Responsibility for Fixed Costs of Existing Facilities</u>								
2.013									
2.014	FY 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911	+S10.010		
2.015	FY 1989 Plant Usage (Base)	mgd						17.54	+S10.021
2.016	District Responsibility for Fixed Costs of Existing Facilities								
2.017	Percent		13.56%	11.05%	3.39%	28.00%	@ROUND(+S2.014/S2.015,4)		
2.018									
2.019									
2.020	<u>District Responsibility for Fixed Costs of Existing Transmission Facilities</u>								
2.021									
2.022	FY 2012 District Maximum Day Quantity		2.347	2.113	1.199	5.659	+S1.015, +S1.016, +S1.017		
2.023	FY 2012 System Maximum Day Quantity							16.14	+S1.019
2.024									
2.025	District Responsibility for Fixed Costs of Existing Transmission Facilities								
2.026	Percent		14.54%	13.09%	7.43%	35.06%	@ROUND(+S2.022/S2.023,4)		
2.027									
2.028									
2.029	<u>District Responsibility for Fixed Costs of New Facilities</u>								
2.030									
2.031	FY 2012 System Maximum Day Quantity	mgd						16.14	+S1.019
2.032	less Base Year Plant Usage	mgd						17.54	Contract
2.033									
2.034	New Plant Capacity	mgd						10.00	Input
2.035	FY 2012 New Plant Usage	mgd						(1.40)	+S2.031-S2.032
2.036	FY 2012 New Plant Usage	mgd	(but not less than zero)					0.00	@IF(S2.035<0,0,+S2.035)
2.037	FY 2012 Reserve Capacity	mgd						10.00	+S2.034-S2.036
2.038									
2.039	FY 2012 Maximum Day Quantity	mgd	2.347	2.113	1.199	5.659	+S2.022		
2.040	FY 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911	+S10.010		
2.041	District Growth Quantity	mgd	(0.031)	0.174	0.605		+S2.039-S2.040		
2.042	But not less than zero	mgd	0.000	0.174	0.605		@IF(S2.041<0,0,+S2.041)		
2.043									
2.044	District Growth Ratio		0.000	1.000	1.000		@IF(S2.036=0,@IF(S2.042=0,0,1),S2.042/S2.036)		
2.045									
2.046	Ratio District Growth Quantity / New Plant Capacity								
2.047									
2.048	Factor	percent	0.00%	1.74%	6.05%		@ROUND(S2.042/S2.034,4)		
2.049									
2.050									
2.051	Minimum District Responsibility	percent	12.75%	8.25%	4.00%	25.00%	(a)		
2.052									
2.053	District Responsibility for Fixed Costs of New Facilities								
2.054	Percent		12.75%	8.25%	6.05%	27.05%	@MAX(S2.048,S2.051)		
2.055	(a) Per Contracts.								
2.056									

Analysis: Proforma Charges to Wholesale Customers
Fiscal Year Ending May 31, 2012
 Estimate for FY 2013 Rate

Line				
3.000				
3.001				
3.002	FY 2012 Annual Transmission & Distribution Expense	\$842,700	+S1.023	(a)
3.003				
3.004	Beginning of year inch-feet of transmission and distribution system			
3.005				
3.006	Distribution mains (less than 8 inch)	6,771,412		
3.007				
3.008	Transmission mains (8 inch & over)	5,215,442		
3.009				
3.010	Total	11,986,854		
3.011				
3.012	Transmission portion	43.51%		
3.013				
3.014	Calculated Transmission O&M Expense	\$366,659	@ROUND(\$3.002*\$3.012,0)	
3.015				
3.016	Net Distribution O&M Expense	\$476,041	+S3.002-\$3.014	
3.017				
3.018				
3.019				
3.020				
3.021	(a) Total water trans. & dist. expense less maintenance of services,			
3.022	meters, hydrants and misc. plant.			
3.023				
3.024				

Schedule 4
 Exhibit D for FY 2012
 Water Supply & Treatment O&M Expense

Owensboro Municipal Utilities ~ Black & Veatch Project: 17656.010

3-16-2012

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2012
 Estimate for FY 2013 Rate

Line		FY 2012	
4.000			
4.001			
4.002		\$	
4.003			
4.004	Source of Supply Expense	615,900	+\$1.024
4.005			
4.006	Water Treatment		
4.007	Existing Plant		
4.008	Chemicals	250,500	+\$1.026
4.009	Other	666,100	+\$1.027
4.010			
4.011	New Plant		
4.012	Chemicals	168,800	+\$1.029
4.013	Other	348,700	+\$1.030
4.014			
4.015	Pumping Expense		
4.016	Electric Power	381,500	+\$1.032
4.017	Other-Existing Plant	78,600	+\$1.033
4.018	Other-New Plant	31,800	+\$1.034
4.019			
4.020	Variable Expenses		
4.021	Electric Power	381,500	+\$4.016
4.022	Chemicals-Existing Plant	250,500	+\$4.008
4.023	Chemicals-New Plant	168,800	+\$4.012
4.024	Total Variable Expenses	800,800	@SUM(\$4.021..\$4.023)
4.025			
4.026			
4.027			
4.028			

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2012
 Estimate for FY 2013 Rate

Line			FY 2012	
			-	
			\$	
5.000				
5.001				
5.002				
5.003	Existing Revenue Bonds			
5.004	Annual P & I		0	+S1.044
5.005				
5.006	Allocation - Existing Revenue Bonds	(a)		
5.007	Water Supply & Treatment	66.28%	0	@ROUND(\$5.004*\$5.007,0)
5.008	Transmission Mains	33.72%	0	@ROUND(\$5.004*\$5.008,0)
5.009	Total	100.00%	0	+S5.007+S5.008
5.010				
5.011	New Revenue Bonds			
5.012	Debt Service on Improvements - 1999 Bonds			
5.013	Annual P & I		53,371	+S1.045
5.014	Debt Service on Improvements - 2003 Bonds			
5.015	Annual P & I		326,101	+S1.046
5.016	Debt Service on Improvements - 2009 Bonds			
5.017	Annual P & I		304,373	+S1.047
5.018	Debt Service on Cavin Project			
5.019	Annual P & I		1,081,101	+S1.048
5.020				
5.021	Allocation - 1999 Improvements	(b)		
5.022	Water Supply & Treatment	42.25%	22,549	@ROUND(\$5.013*\$5.022,0)
5.023	Transmission Mains	57.75%	30,822	@ROUND(\$5.013*\$5.023,0)
5.024	Total	100.00%	53,371	+S5.022+S5.023
5.025				
5.026	Allocation - 2003 Improvements	(b)		
5.027	Water Supply & Treatment	47.74%	155,681	@ROUND(\$5.015*\$5.027,0)
5.028	Transmission Mains	52.26%	170,420	@ROUND(\$5.015*\$5.028,0)
5.029	Total	100.00%	326,101	+S5.027+S5.028
5.030				
5.031	Allocation - 2009 Improvements	(c)		
5.032	Water Supply & Treatment	59.11%	179,915	@ROUND(\$5.017*\$5.032,0)
5.033	Transmission Mains	9.60%	29,220	@ROUND(\$5.017*\$5.033,0)
5.034	General Plant	31.29%	95,238	@ROUND(\$5.017*\$5.034,0)
5.035	Total	100.00%	304,373	+S5.032+S5.033+S5.034
5.036				
5.037	Debt Service Summary			
5.038	Existing Treatment Facility		358,145	+S5.007+S5.022+S5.027+S5.032
5.039	New Treatment Facility		1,081,101	+S5.019
5.040	Transmission Facilities		230,462	+S5.008+S5.023+S5.028+S5.033
5.041	General Plant		95,238	+S5.034
5.042			<u>1,764,946</u>	+S5.038+S5.039+S5.040+S5.041
5.043	(a) Exhibit E, Contract			
5.044	(b) Based on dollars spent on improvements, per Water Construction Fund schedule.			
5.045	(c) Based on estimated dollars to be spent on improvements, per Jim Grise.			
5.046				

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2012
 Estimate for FY 2013 Rate

Line		FY 2012	
6.000			
6.001			
6.002		\$	
6.003			
6.004	Administrative and General Expenses	2,121,700	+S1.036
6.005			
6.006	Basis of Allocation = Supervised Expenses (b)		
6.007	Existing Treatment Facility	1,360,600	+S4.004+S4.009+S4.017
6.008			
6.009	New Treatment Facility	380,500	+S4.013+S4.018
6.010			
6.011	Transmission System	366,659	+S3.014
6.012			
6.013	Distribution System	476,041	+S3.016
6.014			
6.015	Customer Accounting & Information	510,300	+S1.037
6.016			
6.017	Total Above	3,094,100	@SUM(\$6.007..\$6.015)
6.018			
6.019	Allocation Of Admin. & Gen. Expense		
6.020	Existing Treatment Facility	932,997	@ROUND(+S6.004*S6.007/\$6.017,0)
6.021			
6.022	New Treatment Facility	260,918	@ROUND(+S6.004*S6.009/\$6.017,0)
6.023			
6.024	Transmission System	251,427	@ROUND(+S6.004*S6.011/\$6.017,0)
6.025			
6.026	Distribution System	326,433	@ROUND(+S6.004*S6.013/\$6.017,0)
6.027			
6.028	Customer Accounting & Information	349,925	@ROUND(+S6.004*S6.015/\$6.017,0)
6.029			
6.030	Total Above	2,121,700	@SUM(\$6.020..\$6.028)
6.031			
6.032	(b) Excludes expenses which vary with the quantity of water produced.		

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2012
 Estimate for FY 2013 Rate

Line		FY 2012		
7.000				
7.001				
7.002			\$	
7.003	Existing Treatment Facility Fixed Costs			
7.004	Debt Service	358,145		+S5.038
7.005				
7.006	O&M Expense	1,360,600		+S4.004+S4.009+S4.017
7.007				
7.008	Replacements & Improvements	106,515		+S7.045
7.009				
7.010	Admin. & General Expense	<u>932,997</u>		+S6.020
7.011				
7.012	Total Existing Treatment Facility Fixed Costs	2,758,257		@SUM(\$7.004..\$7.010)
7.013				
7.014				
7.015	New Treatment Facility Fixed Costs			
7.016				
7.017	Debt Service	1,081,101		+S5.039
7.018				
7.019	O&M Expense	380,500		+S4.013+S4.018
7.020				
7.021	Replacements & Improvements	299,625		+S7.049
7.022				
7.023	Admin. & General Expense	<u>260,918</u>		+S6.022
7.024				
7.025	Total New Treatment Facility Fixed Costs	2,022,144		@SUM(\$7.017..\$7.023)
7.026				
7.027	Transmission Facility Fixed Costs			
7.028	Debt Service	230,462		+S5.040
7.029				
7.030	O&M Expense	366,659		+S3.014
7.031				
7.032	Replacements & Improvements	197,786		+S7.053
7.033				
7.034	Admin. & General Expense	<u>251,427</u>		+S6.024
7.035				
7.036	Total Transmission Facility Fixed Costs	1,046,334		@SUM(\$7.028..\$7.034)
7.037				
7.038	Variable Expenses			
7.039	Total Amount	800,800		+S4.024
7.040				
7.041	Plant Investment as of May 31, 2011:			
7.042	Existing Treatment Facilities			
7.043	Existing/Additions	(a) 6,909,381	1.25%	86,367
7.044	Cavin Project Improvements	(a) <u>1,611,825</u>	1.25%	<u>20,148</u>
7.045		8,521,206		106,515
7.046	New Treatment Facilities			
7.047	Additions	(a) 752,463	1.25%	9,406
7.048	Cavin Project	(a) <u>23,217,545</u>	1.25%	<u>290,219</u>
7.049		23,970,008		299,625
7.050	Transmission Facilities			
7.051	Existing/Additions	(a) 13,367,462	1.25%	167,093
7.052	Cavin Project Improvements	(a) <u>2,455,475</u>	1.25%	<u>30,693</u>
7.053		15,822,937		197,786
7.054				
7.055	(a) Contributions to R&R Fund for FY 2012 were 1.25% of Plant Investment,			
7.056	excluding land. Distribution Plant and General Plant are excluded from			<u>603,926</u>
7.057	Water District cost allocations.			

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2012
 Estimate for FY 2013 Rate

Line	Total System Costs	Wholesale Customers			Subtotal	
		Southeast Daviess	West Daviess	East Daviess		
8.000						
8.001						
8.002						
8.003						
8.004						
8.005						
8.006						Existing Treatment Facility
8.007	\$2,758,257	+S7.012				Total Costs
8.008						
8.009						District Responsibility
8.010		13.56%	11.05%	3.39%	28.00%	Percent
8.011		\$374,020	\$304,787	\$93,505	\$772,312	Amount
8.012						@ROUND(\$8.007*\$8.010,0)
8.013						
8.014						New Treatment Facility
8.015	\$2,022,144	+S7.025				Total Costs
8.016						
8.017						District Responsibility
8.018		12.75%	8.25%	6.05%	27.05%	Percent
8.019		\$257,823	\$166,827	\$122,340	\$546,990	Amount
8.020						@ROUND(\$8.015*\$8.018,0)
8.021						
8.022						Transmission Facilities
8.023	\$1,046,334	+S7.036				Total Costs
8.024						
8.025						District Responsibility
8.026		14.54%	13.09%	7.43%	35.06%	Percent
8.027		\$152,137	\$136,965	\$77,743	\$366,845	Amount
8.028						@ROUND(\$8.023*\$8.026,0)
8.029						
8.030						Variable Expenses
8.031	\$800,800	+S7.039				Total Costs
8.032						
8.033						District Responsibility
8.034		13.39%	10.21%	6.85%	30.45%	Percent
8.035		\$107,227	\$81,762	\$54,855	\$243,844	Amount
8.036						@ROUND(\$8.031*\$8.034,0)
8.037						
8.038		(\$188,422)	(\$63,297)	(\$76,570)	(\$328,289)	Total Prior Year True-Up Adjustment
8.039		\$164,215	\$78,556	\$83,327	\$326,098	Unrecovered True-Up Charges
8.040		(\$24,207)	\$15,259	\$6,757	(\$2,191)	True-Up Adjustment This Period
8.041						
8.042		\$867,000	\$705,600	\$355,200	\$1,927,800	Total Charges to Districts for FY 2012
8.043						
8.044						
8.045						Effective Unit Charge
8.046		\$0.647	\$0.691	\$0.316	\$0.587	Existing Treatment Facility
8.047		\$0.446	\$0.378	\$0.413	\$0.416	New Treatment Facility
8.048		\$0.263	\$0.311	\$0.263	\$0.279	Transmission Facilities
8.049		\$0.186	\$0.185	\$0.185	\$0.185	Variable Expenses
8.050		(\$0.042)	\$0.035	\$0.023	(\$0.002)	Prior Year Trueup
8.051						
8.052		\$1.500	\$1.600	\$1.200	\$1.466	@SUM(\$8.044..\$8.049)
8.053						

Analysis: Proforma Charges to Wholesale Customers
Fiscal Year Ending May 31, 2012
Estimate for FY 2013 Rate

Line	Wholesale Customers					
		Southeast Davies	West Davies	East Davies	Subtotal	
9.000						
9.001						
9.002						
9.003						
9.004						
9.005						
9.006	Sales, FY 1991	Mil. gal	521	338	151	1,010 +\$10.027
9.007	Growth Factor		1.109	1.304	1.961	\$1.010 through \$1.012
9.008	Sales, FY 2012	Mil. gal	578	441	296	1,315 @ROUND(\$9.006*\$9.007,0)
9.009						
9.010	Total FY 2012 Charges		\$867,000	\$705,600	\$355,200	\$1,927,800 +\$8.040
9.011						
9.012	Effective unit cost (per 1000 gallons)		\$1.500	\$1.600	\$1.200	\$1.466 @ROUND(+\$9.010/(1000*\$9.008),3)
9.013						
9.014	Rate Floor - set in first fiscal year of					
9.015	operation of New Treatment Facility		\$1.148	\$1.213	\$1.148	\$1.170 (Per Contracts)
9.016						
9.017	WATER RATES effective June 1, 2012		\$1.500	\$1.600	\$1.200	\$1.466 @MAX(+\$9.012,+\$9.015)
9.018						
9.019	Effective Rate Over (Under) Floor		\$0.352	\$0.387	\$0.052	
9.020						
9.021						
9.022	Current Rates (per 1000 gallons) - effective 6-1-2011		\$1.500	\$1.650	\$1.360	
9.023	Increase (Decrease)		\$0.000	(\$0.050)	(\$0.160)	
9.024	Percent Increase (Decrease)		0.0%	-3.0%	-11.8%	
9.025						

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2012
 Estimate for FY 2013 Rate

Line	Units	Wholesale Customers			Subtotal	OMU Retail Customers	Total OMU System
		Southeast Davieess	West Davieess	East Davieess			
10.000							
10.001							
10.002							
10.003							
10.004							
10.005	Data for Base Year FY 1989						
10.006							
10.007	Average of 5 Maximum Day Demands			(c)			
10.008	Amount (a)	mgd	2.330	1.900	0.582	4.812	
10.009	Allowance for Transmission Losses		2%	2%	2%	Estimated	
10.010	Amount Adjusted for Losses	mgd	2.378	1.939	0.594	4.911	
10.011							
10.012	For Information Only						
10.013	Annual sales	Mil cf	67.08	45.89	21.02	(a)	
10.014	Annual sales	Mil. gal.	502	343	157	@ROUND(7.48*S10.013,0)	
10.015	Average Day	mgd	1.38	0.94	0.43	+S10.014/365	
10.016	Ratio Max to Average Day		1.69	2.02	1.35	+S10.008/S10.015	
10.017							
10.018							
10.019	Average of System 5 maximum day demands					mgd 17.90 (a)	
10.020	Allowance for filter wash water					2%	
10.021	Adj. System 5 Maximum Day Demands (Base year plant usage)					mgd 17.54 @ROUND(+S10.019*(1-S10.020),2)	
10.022							
10.023							
10.024							
10.025	Input data for FY 1991 (a)						
10.026	Annual Sales	Million cf		(b)	135.0	399.2	
10.027	Annual Sales	Mil. gal.	521	338	151	1,010	
10.028				(c)			
10.029	Average of 5 Maximum Day Demands	mgd	1.95	1.35	0.60	@ROUND(S10.033*S10.027/365,3)	
10.030							
10.031	For Information Only						
10.032	Average Day	mgd	1.427	0.926	0.414	+S10.027/365	
10.033	Ratio Max to Average Day		1.37	1.46	1.45	+S10.029/S10.032	
10.034						1.41 << Ave SE & W	
10.035	Allowance for Transmission Losses		2%	2%	2%	Estimated	
10.036							
10.037	Data Adjusted for Water Losses						
10.038	District Data:						
10.039	Annual Water Sales	Mil. gal.	532	345	154	@ROUND(+S10.027/(1-S10.035),0)	
10.040	Average of 5 Maximum Day Demands	mgd	1.990	1.378	0.612	@ROUND(+S10.029/(1-S10.035),3)	
10.041							
10.042	Total System Data:						
10.043	Average of 5 Maximum Day Demands					mgd 17.26 (a)	
10.044	Filter wash water					mgd 0.35 @ROUND(0.02*S10.043,2)	
10.045	Adj. 5 Max. Day Demands					mgd 16.91 +S10.043-S10.044	
10.046							
10.047							
10.048	Total treated water			(a)	Mil. gal.	4,944 @ROUND(660.9*7.48,0)	
10.049	Filter wash water			(a)	Mil. gal.	98 @ROUND(13.1*7.48,0)	
10.050	Treated water delivered to trans. system				Mil. gal.	4,846 +S10.048-S10.049	
10.051							
10.052							
10.053							
10.054	(a) Source: OMU staff tabulation dated 8-19-91			(b) Total wholesale less Southeast Davieess and West Davieess.			
10.055	May, 1991 Financial Statement			(c) Amount per Districts' attorney.			
10.056						ratios of the other districts.	
10.057							
10.058	(d) East Davieess est 5 day max day demand						
10.059	FY 1989 Annual Sales	Million cf	21.02	<< OMU monthly listing of district sales			
10.060	FY 1989 Annual Sales	Mil. gal.	157.2	@ROUND(S10.059*7.48,1)			
10.061	Average day demand	mgd	0.431	@ROUND(S10.060/365,3)			
10.062	Estimated Max day ratio		1.35				
10.063	Est. East Davieess 5 day max day demand (mgd)		0.582	@ROUND(S10.061*S10.062,3)			
10.064							
10.065							
10.066							
10.067							

**East Daviess County Water Association
Historical Rate Analysis Summary
Costs and Charges after Floor**

Fiscal Year	Rate Chg. %	Estimate Gals. (000)	Actual Gals. (000)	Rate/Thous. Gals. \$	Collected From District \$	Actual Cost \$	Difference
FY 2007	0.00%	312,000	311,340	\$1.148	\$357,418	\$397,486	(\$40,068)
FY 2008	8.89%	315,000	315,964	\$1.250	\$394,955	\$422,121	(\$27,166)
FY 2009	8.80%	309,000	308,795	\$1.360	\$419,961	\$396,189	\$23,772
FY 2010	0.00%	299,000	291,304	\$1.360	\$396,173	\$334,417	\$61,756
FY 2011	0.00%	305,000	302,172	\$1.360	\$410,953	\$352,677	\$58,276

Totals to Date 1,540,000 1,529,575 \$1,979,460 \$1,902,890 \$76,570

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2011
 TRUE-UP CALCULATION

Line			FY 1991 Amount	FY 1991 Reference	Inflation Factor	Growth Factor	Calculated Growth Factor	FY 2011 Amount	
1.000									
1.001									
1.002									
1.003									
1.004									
1.005	<u>Water System Demands and Usage</u>							20 Years	
1.006									
1.007	System Annual Quantity	Mil. Gal.	4,846	+\$10.050	0%	-0.45%	0.915	4,432	
1.008									
1.009	District Annual Quantity								
1.010	Southeast Daviess	Mil. Gal.	532	+\$10.039	0%	0.72%	1.154	614	
1.011	West Daviess	Mil. Gal.	345	+\$10.039	0%	1.48%	1.342	463	
1.012	East Daviess	Mil. Gal.	154	+\$10.039	0%	3.53%	2.000	308	
1.013									
1.014	Maximum Day Quantity								
1.015	Southeast Daviess	mgd	1,990	+\$10.040	0%	1.16%	1.259	2,505	
1.016	West Daviess	mgd	1,378	+\$10.040	0%	1.94%	1.467	2,022	
1.017	East Daviess	mgd	0,612	+\$10.040	0%	3.79%	2.103	1,287	
1.018									
1.019	System Maximum Day Quantity	mgd	16.91	+\$10.045	0%	-0.24%	0.953	16.12	
1.020									
1.021	<u>Operation and Maintenance Expense</u>								
1.022									
1.023	Transmission and Dist. Expense	\$	269,521	(a)	5.31%	0%	2.813	758,080	
1.024	Source of Supply Expense	\$	121,068	(a)	7.44%	0%	4.204	508,989	
1.025	Existing Treatment Plant Expense								
1.026	Chemicals	\$	198,132	(a)	2.55%	-0.45%	1.516	300,410	
1.027	Other	\$	405,493	(a)	1.99%	0%	1.484	601,569	
1.028	New Treatment Plant Expense								
1.029	Chemicals	\$	0		n/a	n/a	n/a	102,768	
1.030	Other	\$	0		n/a	n/a	n/a	290,581	
1.031	Pumping Expense								
1.032	Electric Power	\$	240,191	(a)	2.81%	-0.45%	1.595	383,123	
1.033	Other-Existing Plant	\$	8,840	(a)	9.69%	0%	6.363	56,247	
1.034	Other-New Plant	\$	0		n/a	n/a	n/a	31,179	
1.035									
1.036	Administrative Expenses	\$	689,980	(a)	5.42%	0%	2.875	1,983,764	
1.037	Customer Accounting & Information	\$	176,825	(a)	5.04%	0%	2.674	472,879	
1.038									
1.039	(a) FY 1991 financial statements.		<u>2,110,050</u>					<u>5,489,589</u>	
1.040									
1.041									
1.042	<u>Debt Service Payments</u>								
1.043									
1.044	Existing Plant	\$	487,100					0	
1.045	1999 Improvements	\$	0					50,004	
1.046	2003 Improvements	\$	0					321,914	
1.047	2009 Improvements	\$	0					304,330	
1.048	Cavin Plant	\$	0					1,089,141	
1.049			<u>487,100</u>					<u>1,765,389</u>	
1.050									
1.051									

Analysis: Proforma Charges to Wholesale Customers
Fiscal Year Ending May 31, 2011
TRUE-UP CALCULATION

Line			Wholesale Customers				OMU Retail Customers	Total OMU System	
	Units	Southeast Davie	West Davie	East Davie	Subtotal				
2.000									
2.001									
2.002									
2.003									
2.004									
2.005									
2.006	FY 2011 System Annual Quantity	Mil. gal.					3,047	4,432 +S1.007	
2.007	FY 2011 District Annual Quantity	Mil. gal.	614	463	308	1,385	+S1.010, +S1.011, +S1.012		
2.008									
2.009	District Responsibility for Variable Expenses		13.85%	10.45%	6.95%	31.25%	@ROUND(+S2.007/S2.006,4)		
2.010									
2.011									
2.012	<u>District Responsibility for Fixed Costs of Existing Facilities</u>								
2.013									
2.014	FY 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911	+S10.010		
2.015	FY 1989 Plant Usage (Base)	mgd						17.54 +S10.021	
2.016	District Responsibility for Fixed Costs of Existing Facilities								
2.017	Percent		13.56%	11.05%	3.39%	28.00%	@ROUND(+S2.014/S2.015,4)		
2.018									
2.019									
2.020	<u>District Responsibility for Fixed Costs of Existing Transmission Facilities</u>								
2.021									
2.022	FY 2011 District Maximum Day Quantity		2.505	2.022	1.287	5.814	+S1.015, +S1.016, +S1.017		
2.023	FY 2011 System Maximum Day Quantity							16.12 +S1.019	
2.024									
2.025	District Responsibility for Fixed Costs of Existing Transmission Facilities								
2.026	Percent		15.54%	12.54%	7.98%	36.06%	@ROUND(+S2.022/S2.023,4)		
2.027									
2.028									
2.029	<u>District Responsibility for Fixed Costs of New Facilities</u>								
2.030									
2.031	FY 2011 System Maximum Day Quantity	mgd						16.12 +S1.019	
2.032	less Base Year Plant Usage	mgd						17.54 Contract	
2.033									
2.034	New Plant Capacity	mgd						10.00 Input	
2.035	FY 2011 New Plant Usage	mgd						(1.42) +S2.031-S2.032	
2.036	FY 2011 New Plant Usage	mgd	(but not less than zero)					0.00 @IF(S2.035<0,0,+S2.035)	
2.037	FY 2011 Reserve Capacity	mgd						10.00 +S2.034-S2.036	
2.038									
2.039	FY 2011 Maximum Day Quantity	mgd	2.505	2.022	1.287	5.814	+S2.022		
2.040	FY 1989 District Base Quantity	mgd	2.378	1.939	0.594	4.911	+S10.010		
2.041	District Growth Quantity	mgd	0.127	0.083	0.693		+S2.039-S2.040		
2.042	But not less than zero	mgd	0.127	0.083	0.693		@IF(S2.041<0,0,+S2.041)		
2.043									
2.044	District Growth Ratio		1.000	1.000	1.000		@IF(S2.036=0,@IF(S2.042=0,0,1),S2.042/S2.036)		
2.045									
2.046	Ratio District Growth Quantity / New Plant Capacity								
2.047									
2.048	Factor	percent	1.27%	0.83%	6.93%		@ROUND(S2.042/S2.034,4)		
2.049									
2.050									
2.051	Minimum District Responsibility	percent	12.75%	8.25%	4.00%	25.00%	(a)		
2.052									
2.053	<u>District Responsibility for Fixed Costs of New Facilities</u>								
2.054	Percent		12.75%	8.25%	6.93%	27.93%	@MAX(S2.048,S2.051)		
2.055	(a) Per Contracts.								
2.056									

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2011
TRUE-UP CALCULATION

Line				
3.000				
3.001				
3.002	FY 2011 Annual Transmission & Distribution Expense	\$758,080	+S1.023	(a)
3.003				
3.004	Beginning of year inch-feet of transmission and distribution system			
3.005				
3.006	Distribution mains (less than 8 inch)	6,736,118		
3.007				
3.008	Transmission mains (8 inch & over)	5,211,052		
3.009				
3.010	Total	11,947,170		
3.011				
3.012	Transmission portion	43.62%		
3.013				
3.014	Calculated Transmission O&M Expense	\$330,674	@ROUND(S3.002*S3.012,0)	
3.015				
3.016	Net Distribution O&M Expense	\$427,406	+S3.002-S3.014	
3.017				
3.018				
3.019				
3.020				
3.021	(a) Total water trans. & dist. expense less maintenance of services,			
3.022	meters, hydrants and misc. plant.			
3.023				
3.024				

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2011
 TRUE-UP CALCULATION

Line		FY 2011	
4.000			
4.001			
4.002		\$	
4.003			
4.004	Source of Supply Expense	508,989	+S1.024
4.005			
4.006	Water Treatment		
4.007	Existing Plant		
4.008	Chemicals	300,410	+S1.026
4.009	Other	601,569	+S1.027
4.010			
4.011	New Plant		
4.012	Chemicals	102,768	+S1.029
4.013	Other	290,581	+S1.030
4.014			
4.015	Pumping Expense		
4.016	Electric Power	383,123	+S1.032
4.017	Other-Existing Plant	56,247	+S1.033
4.018	Other-New Plant	31,179	+S1.034
4.019			
4.020	Variable Expenses		
4.021	Electric Power	383,123	+S4.016
4.022	Chemicals-Existing Plant	300,410	+S4.008
4.023	Chemicals-New Plant	102,768	+S4.012
4.024	Total Variable Expenses	786,301	@SUM(S4.021..S4.023)
4.025			
4.026			
4.027			
4.028			

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2011
 TRUE-UP CALCULATION

Line		FY 2011		
5.000				
5.001				
5.002			\$	
5.003	Existing Revenue Bonds			
5.004	Annual P & I		0	+\$1.044
5.005				
5.006	Allocation - Existing Revenue Bonds	(a)		
5.007	Water Supply & Treatment	66.28%	0	@ROUND(\$5.004*\$5.007,0)
5.008	Transmission Mains	33.72%	0	@ROUND(\$5.004*\$5.008,0)
5.009	Total	100.00%	0	+\$5.007+\$5.008
5.010				
5.011	New Revenue Bonds			
5.012	Debt Service on Improvements - 1999 Bonds			
5.013	Annual P & I		50,004	+\$1.045
5.014	Debt Service on Improvements - 2003 Bonds			
5.015	Annual P & I		321,914	+\$1.046
5.016	Debt Service on Improvements - 2009 Bonds			
5.017	Annual P & I		304,330	+\$1.047
5.018	Debt Service on Cavin Project			
5.019	Annual P & I		1,089,141	+\$1.048
5.020				
5.021	Allocation - 1999 Improvements	(b)		
5.022	Water Supply & Treatment	42.25%	21,127	@ROUND(\$5.013*\$5.022,0)
5.023	Transmission Mains	57.75%	28,877	@ROUND(\$5.013*\$5.023,0)
5.024	Total	100.00%	50,004	+\$5.022+\$5.023
5.025				
5.026	Allocation - 2003 Improvements	(b)		
5.027	Water Supply & Treatment	47.74%	153,682	@ROUND(\$5.015*\$5.027,0)
5.028	Transmission Mains	52.26%	168,232	@ROUND(\$5.015*\$5.028,0)
5.029	Total	100.00%	321,914	+\$5.027+\$5.028
5.030				
5.031	Allocation - 2009 Improvements	(c)		
5.032	Water Supply & Treatment	59.11%	179,889	@ROUND(\$5.017*\$5.032,0)
5.033	Transmission Mains	9.60%	29,216	@ROUND(\$5.017*\$5.033,0)
5.034	General Plant	31.29%	95,225	@ROUND(\$5.017*\$5.034,0)
5.035	Total	100.00%	304,330	+\$5.032+\$5.033+\$5.034
5.036				
5.037	Debt Service Summary			
5.038	Existing Treatment Facility		354,698	+\$5.007+\$5.022+\$5.027+\$5.032
5.039	New Treatment Facility		1,089,141	+\$5.019
5.040	Transmission Facilities		226,325	+\$5.008+\$5.023+\$5.028+\$5.033
5.041	General Plant		95,225	+\$5.034
5.042			1,765,389	+\$5.038+\$5.039+\$5.040+\$5.041
5.043	(a) Exhibit E, Contract			
5.044	(b) Based on dollars spent on improvements, per Water Construction Fund schedule.			
5.045	(c) Based on estimated dollars to be spent on improvements, per Jim Grise.			
5.046				

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2011
 TRUE-UP CALCULATION

Line		FY 2011	
6.000			
6.001			
6.002		\$	
6.003			
6.004	Administrative and General Expenses	1,983,764	+S1.036
6.005			
6.006	Basis of Allocation = Supervised Expenses (b)		
6.007	Existing Treatment Facility	1,166,805	+S4.004+S4.009+S4.017
6.008			
6.009	New Treatment Facility	321,760	+S4.013+S4.018
6.010			
6.011	Transmission System	330,674	+S3.014
6.012			
6.013	Distribution System	427,406	+S3.016
6.014			
6.015	Customer Accounting & Information	472,879	+S1.037
6.016			
6.017	Total Above	2,719,524	@SUM(S6.007..S6.015)
6.018			
6.019	Allocation Of Admin. & Gen. Expense		
6.020	Existing Treatment Facility	851,129	@ROUND(+S6.004*S6.007/S6.017,0)
6.021			
6.022	New Treatment Facility	234,709	@ROUND(+S6.004*S6.009/S6.017,0)
6.023			
6.024	Transmission System	241,211	@ROUND(+S6.004*S6.011/S6.017,0)
6.025			
6.026	Distribution System	311,772	@ROUND(+S6.004*S6.013/S6.017,0)
6.027			
6.028	Customer Accounting & Information	344,943	@ROUND(+S6.004*S6.015/S6.017,0)
6.029			
6.030	Total Above	1,983,764	@SUM(S6.020..S6.028)
6.031			
6.032	(b) Excludes expenses which vary with the quantity of water produced.		

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2011
 TRUE-UP CALCULATION

Line	FY 2011		
7.000	\$		
7.001			
7.002			
7.003	Existing Treatment Facility Fixed Costs		
7.004	Debt Service	354,698	+\$5.038
7.005			
7.006	O&M Expense	1,166,805	+\$4.004+\$4.009+\$4.017
7.007			
7.008	Replacements & Improvements	104,882	+\$7.045
7.009			
7.010	Admin. & General Expense	<u>851,129</u>	+\$6.020
7.011			
7.012	Total Existing Treatment Facility Fixed Costs	2,477,514	@SUM(\$7.004..\$7.010)
7.013			
7.014			
7.015	New Treatment Facility Fixed Costs		
7.016			
7.017	Debt Service	1,089,141	+\$5.039
7.018			
7.019	O&M Expense	321,760	+\$4.013+\$4.018
7.020			
7.021	Replacements & Improvements	299,625	+\$7.049
7.022			
7.023	Admin. & General Expense	<u>234,709</u>	+\$6.022
7.024			
7.025	Total New Treatment Facility Fixed Costs	1,945,235	@SUM(\$7.017..\$7.023)
7.026			
7.027	Transmission Facility Fixed Costs		
7.028	Debt Service	226,325	+\$5.040
7.029			
7.030	O&M Expense	330,674	+\$3.014
7.031			
7.032	Replacements & Improvements	194,728	+\$7.053
7.033			
7.034	Admin. & General Expense	<u>241,211</u>	+\$6.024
7.035			
7.036	Total Transmission Facility Fixed Costs	992,938	@SUM(\$7.028..\$7.034)
7.037			
7.038	Variable Expenses		
7.039	Total Amount	786,301	+\$4.024
7.040			
7.041	Plant Investment as of May 31, 2010:		
7.042	Existing Treatment Facilities		
7.043	Existing/Additions	(a) 6,778,740	1.25% 84,734
7.044	Cavin Project Improvements	(a) <u>1,611,825</u>	1.25% <u>20,148</u>
7.045		8,390,565	104,882
7.046	New Treatment Facilities		
7.047	Additions	(a) 752,463	1.25% 9,406
7.048	Cavin Project	(a) <u>23,217,545</u>	1.25% <u>290,219</u>
7.049		23,970,008	299,625
7.050	Transmission Facilities		
7.051	Existing/Additions	(a) 13,122,772	1.25% 164,035
7.052	Cavin Project Improvements	(a) <u>2,455,475</u>	1.25% <u>30,693</u>
7.053		15,578,247	194,728
7.054			
7.055	(a) Contributions to R&R Fund for FY 2011 were 1.25% of Plant Investment,		<u>599,235</u>
7.056	excluding land. Distribution Plant and General Plant are excluded from		
7.057	Water District cost allocations.		

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2011
 TRUE-UP CALCULATION

Line	Total System Costs	Wholesale Customers			Subtotal	
		Southeast Daviess	West Daviess	East Daviess		
8.000						
8.001						
8.002						
8.003						
8.004						
8.005						
8.006	Existing Treatment Facility					
8.007	Total Costs	\$2,477,514	+S7,012			
8.008						
8.009	District Responsibility					
8.010	Percent		13.56%	11.05%	3.39%	28.00%
8.011	Amount		\$335,951	\$273,765	\$83,988	\$693,704
8.012						@ROUND(\$8.007*\$8.010,0)
8.013						
8.014	New Treatment Facility					
8.015	Total Costs	\$1,945,235	+S7,025			
8.016						
8.017	District Responsibility					
8.018	Percent		12.75%	8.25%	6.93%	27.93%
8.019	Amount		\$248,017	\$160,482	\$134,805	\$543,304
8.020						@ROUND(\$8.015*\$8.018,0)
8.021						
8.022	Transmission Facilities					
8.023	Total Costs	\$992,938	+S7,036			
8.024						
8.025	District Responsibility					
8.026	Percent		15.54%	12.54%	7.98%	36.06%
8.027	Amount		\$154,303	\$124,514	\$79,236	\$358,053
8.028						@ROUND(\$8.023*\$8.026,0)
8.029						
8.030	Variable Expenses					
8.031	Total Costs	\$786,301	+S7,039			
8.032						
8.033	District Responsibility					
8.034	Percent		13.85%	10.45%	6.95%	31.25%
8.035	Amount		\$108,903	\$82,168	\$54,648	\$245,719
8.036						@ROUND(\$8.031*\$8.034,0)
8.037						
8.038	Total Prior Year True-Up Adjutment		\$0	\$0	\$0	\$0
8.039	Unrecovered True-Up Charges		\$0	\$0	\$0	\$0
8.040	True-Up Adjustment This Period		\$0	\$0	\$0	\$0
8.041						
8.042	Total Charges to Districts for FY 2011		\$847,174	\$640,929	\$352,677	\$1,840,780
8.043						+S8.011+S8.019+S8.027+S8.035+S8.038
8.044						
8.045	Effective Unit Charge					
8.046	Existing Treatment Facility		\$0.558	\$0.603	\$0.278	\$0.511
8.047	New Treatment Facility		\$0.412	\$0.354	\$0.446	\$0.400
8.048	Transmission Facilities		\$0.256	\$0.274	\$0.262	\$0.264
8.049	Variable Expenses		\$0.181	\$0.181	\$0.181	\$0.181
8.050	Prior Year Trueup		\$0.000	\$0.000	\$0.000	\$0.000
8.051						@ROUND(+S8.011/(1000*S9.008),3)
8.052			\$1.407	\$1.412	\$1.168	\$1.356
8.053						@SUM(\$8.044..S8.049)

Analysis: Proforma Charges to Wholesale Customers
Fiscal Year Ending May 31, 2011
TRUE-UP CALCULATION

Line

		Wholesale Customers					
		Southeast	West	East	Subtotal		
		Daviess	Daviess	Daviess			
9.000							
9.001							
9.002							
9.003							
9.004							
9.005							
9.006	Sales, FY 1991	Mil. gal	521	338	151	1,010	+S10.027
9.007	Growth Factor		1.154	1.342	2.000		\$1.010 through \$1.012
9.008	Sales, FY 2011	Mil. gal	602	454	302	1,358	@ROUND(\$9.006*\$9.007,0)
9.009							
9.010	Total FY 2011 Charges		\$847,174	\$640,929	\$352,677	\$1,840,780	+S8.040
9.011							
9.012	Effective unit cost (per 1000 gallons)		\$1.407	\$1.412	\$1.168	\$1.356	@ROUND(+S9.010/(1000*\$9.008),3)
9.013							
9.014	Rate Floor - set in first fiscal year of						
9.015	operation of New Treatment Facility		\$1.148	\$1.213	\$1.148	\$1.170	(Per Contracts)
9.016							
9.017	FY 2011 True-Up Rates		\$1.407	\$1.412	\$1.168	\$1.356	@MAX(+S9.012,+S9.015)
9.018							
9.019	Effective Rate Over (Under) Floor		\$0.259	\$0.199	\$0.020		
9.020							
9.021							
9.022	Current Rates (per 1000 gallons) - effective 6-1-2010		\$1.620	\$1.650	\$1.360		
9.023	Increase (Decrease)		(\$0.213)	(\$0.238)	(\$0.192)		
9.024	Percent Increase (Decrease)		-13.1%	-14.4%	-14.1%		
9.025							

Analysis: Proforma Charges to Wholesale Customers
 Fiscal Year Ending May 31, 2011
 TRUE-UP CALCULATION

Line		Wholesale Customers			Subtotal	OMU Retail Customers	Total OMU System
		Southeast Davieess	West Davieess	East Davieess			
10.000							
10.001							
10.002							
10.003	Units						
10.004							
10.005	Data for Base Year FY 1989						
10.006							
10.007	Average of 5 Maximum Day Demands			(c)			
10.008	Amount (a)	mgd	2.330	1.900	0.582	4.812	
10.009	Allowance for Transmission Losses		2%	2%	2%	Estimated	
10.010	Amount Adjusted for Losses	mgd	2.378	1.939	0.594	4.911	
10.011							
10.012	For Information Only						
10.013	Annual sales	Mil cf	67.08	45.89	21.02	(a)	
10.014	Annual sales	Mil. gal.	502	343	157	@ROUND(7.48*S10.013,0)	
10.015	Average Day	mgd	1.38	0.94	0.43	+S10.014/365	
10.016	Ratio Max to Average Day		1.69	2.02	1.35	+S10.008/S10.015	
10.017							
10.018							
10.019	Average of System 5 maximum day demands					mgd 17.90 (a)	
10.020	Allowance for filter wash water					2%	
10.021	Adj. System 5 Maximum Day Demands (Base year plant usage)					mgd 17.54 @ROUND(+S10.019*(1-S10.020),2)	
10.022							
10.023							
10.024							
10.025	Input data for FY 1991 (a)						
10.026	Annual Sales	Million cf				(b) 135.0 399.2 534.2	
10.027	Annual Sales	Mil. gal.	521	338	151	1,010 2,986 3,996	
10.028						(c)	
10.029	Average of 5 Maximum Day Demands	mgd	1.95	1.35	0.60	@ROUND(S10.033*S10.027/365,3)	
10.030							
10.031	For Information Only						
10.032	Average Day	mgd	1.427	0.926	0.414	+S10.027/365	
10.033	Ratio Max to Average Day		1.37	1.46	1.45	+S10.029/S10.032 1.41 << Ave SE & W	
10.034							
10.035	Allowance for Transmission Losses		2%	2%	2%	Estimated	
10.036							
10.037	Data Adjusted for Water Losses						
10.038	District Data:						
10.039	Annual Water Sales	Mil. gal.	532	345	154	@ROUND(+S10.027/(1-S10.035),0)	
10.040	Average of 5 Maximum Day Demands	mgd	1.990	1.378	0.612	@ROUND(+S10.029/(1-S10.035),3)	
10.041							
10.042	Total System Data:						
10.043	Average of 5 Maximum Day Demands					mgd 17.26 (a)	
10.044	Filter wash water					mgd 0.35 @ROUND(0.02*S10.043,2)	
10.045	Adj. 5 Max. Day Demands					mgd 16.91 +S10.043-S10.044	
10.046							
10.047							
10.048	Total treated water				(a)	Mil. gal. 4,944 @ROUND(660.9*7.48,0)	
10.049	Filter wash water				(a)	Mil. gal. 98 @ROUND(13.1*7.48,0)	
10.050	Treated water delivered to trans. system					Mil. gal. 4,846 +S10.048-S10.049	
10.051							
10.052							
10.053							
10.054	(a) Source: OMU staff tabulation dated 8-19-91					(b) Total wholesale less Southeast Davieess and West Davieess.	
10.055	May, 1991 Financial Statement					(c) Amount per Districts' attorney.	
10.056						ratios of the other districts.	
10.057							
10.058	(d) East Davieess est 5 day max day demand						
10.059	FY 1989 Annual Sales	Million cf	21.02			<< OMU monthly listing of district sales	
10.060	FY 1989 Annual Sales	Mil. gal.	157.2			@ROUND(S10.059*7.48,1)	
10.061	Average day demand	mgd	0.431			@ROUND(S10.060/365,3)	
10.062	Estimated Max day ratio		1.35				
10.063	Est. East Davieess 5 day max day demand (mgd)		0.582			@ROUND(S10.061*S10.062,3)	
10.064							
10.065							
10.066							
10.067							